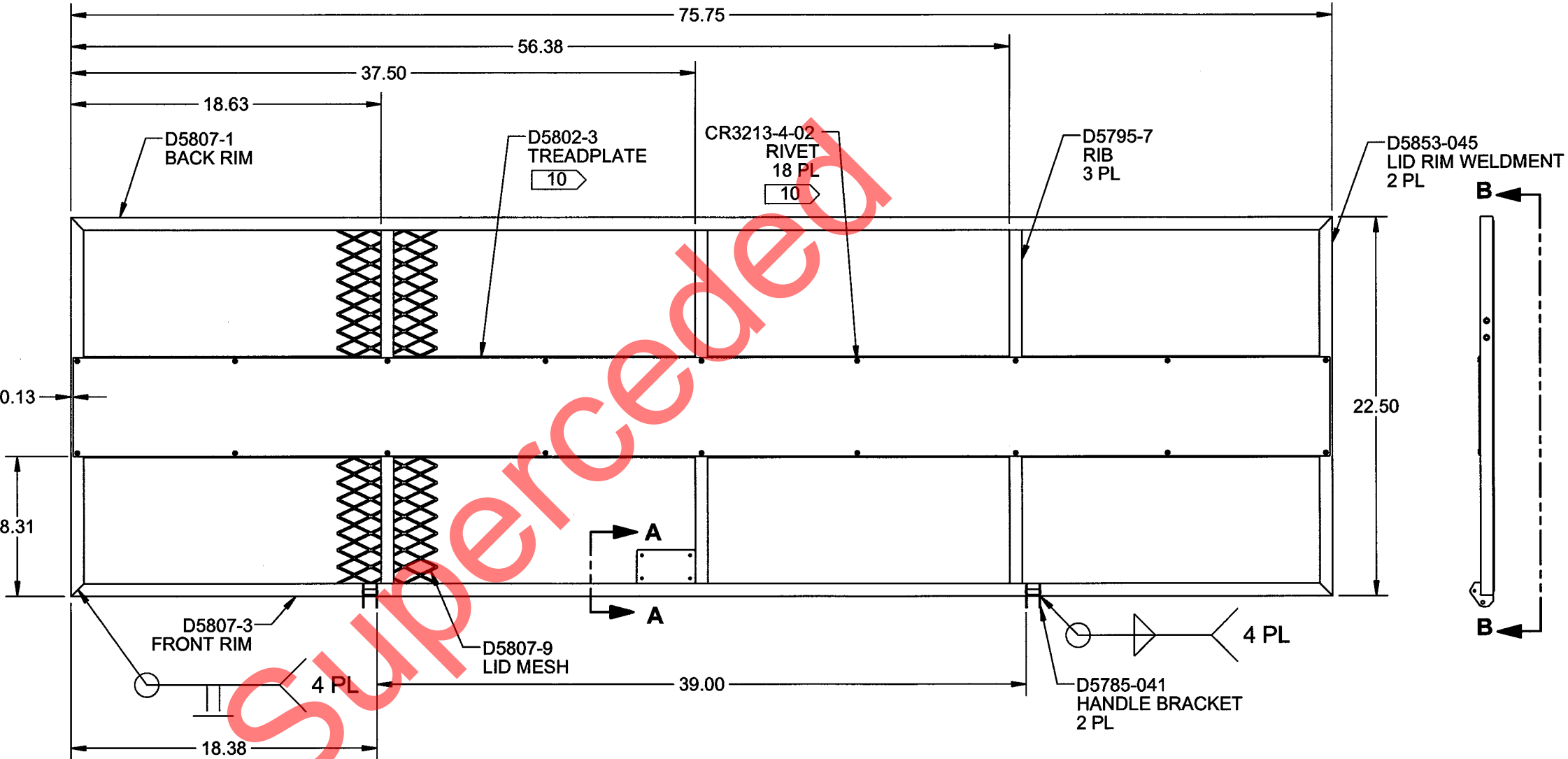


QTY -041	P/N	DESCRIPTION
X	D5807-041	MEDIUM LID ASSY
2	D5785-041	HANDLE BRACKET
3	D5795-7	RIB
1	D5795-15	PLACARD BRACKET
1	D5802-3	TREADPLATE
1	D5807-1	BACK RIM
1	D5807-3	FRONT RIM
4	D5807-5	STRINGER
4	D5807-7	STRINGER
1	D5807-9	LID MESH
2	D5853-045	LID RIM WELDMENT
18	CR3213-4-02	RIVET



**D5807-041 MEDIUM LID ASSY**  
(DERIVED FROM AERO DESIGN P/N 69812-01)  
(MESH SHOWN LOCALLY FOR CLARITY)

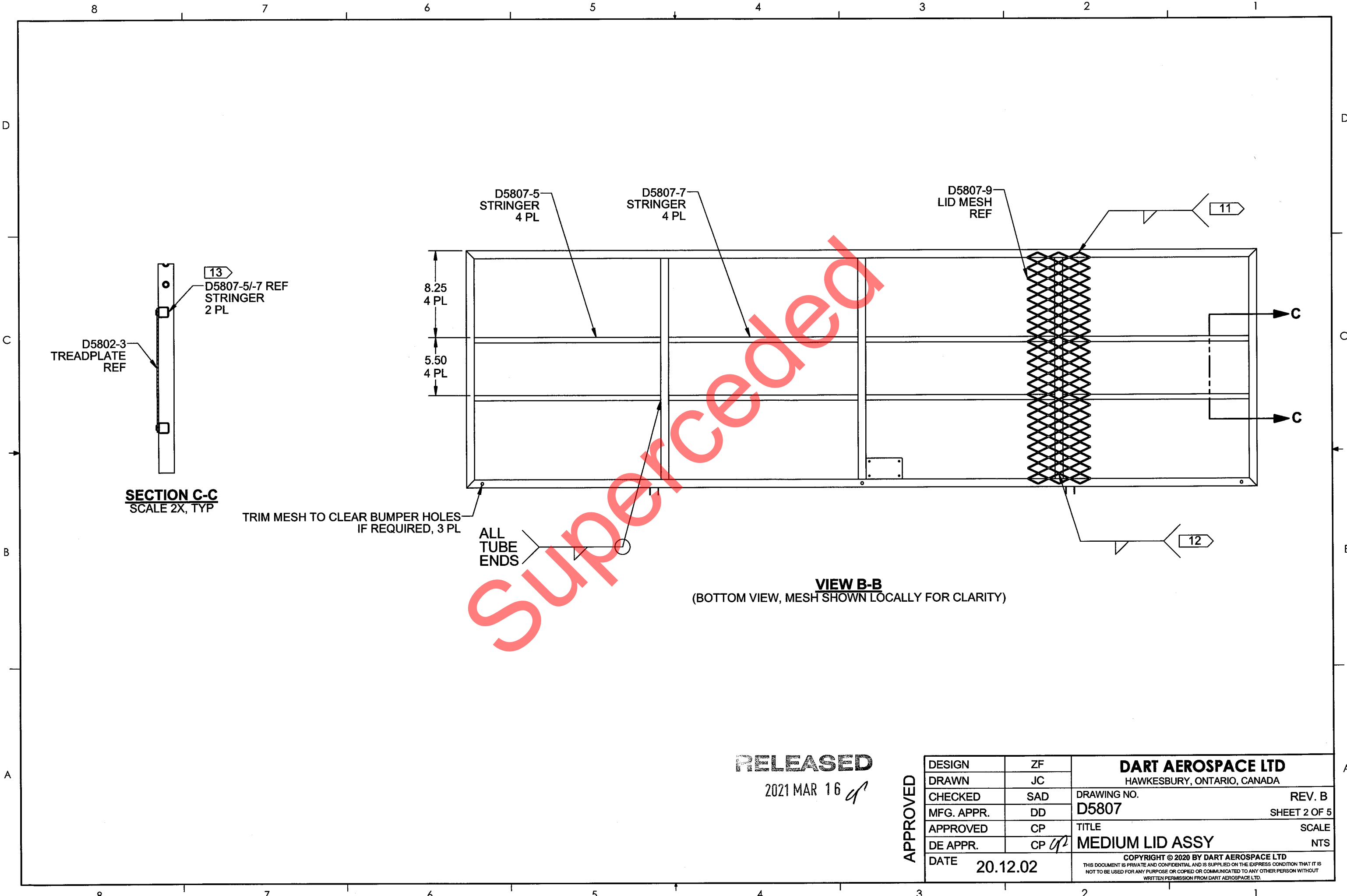
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2021 MAR 16  
H3 ECR 21-132

- NOTES:**
- 1) MATERIAL: N/A
  - 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3.
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: N/A
  - 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
  - 7) WEIGHT: 18.51 lbs
  - 8) WELD PER DART QSI 004. IT IS PERMISSIBLE TO BUFF OR GRIND TO CLEAN UP WELDS
  - 9) DRILL #30 (Ø0.129) VENT HOLES AS REQUIRED. FILL ALL EXPOSED VENT HOLES WITH ROSETTE WELD PRIOR TO FINISH.
  - 10) INSTALL TREADPLATE AFTER FINISH. TRANSFER MARK AND DRILL HOLES Ø0.129 +0.003/-0.000 FROM TREADPLATE TO LID. FAY SEAL SURFACES BETWEEN LID AND TREADPLATE WITH RTV SILICONE. SECURE TREADPLATE WITH RIVETS.
  - 11) WELD EVERY MESH INTERSECTION ALONG RIM.
  - 12) FOR EACH RIB, WELD FIRST 5 MESH INTERSECTIONS DOWN EACH END THEN EVERY 2ND MESH INTERSECTION MINIMUM
  - 13) ALIGN STRINGERS TO TOP OF LID.
  - 14) LOCATE D5795-15 PLACARD BRACKET FLUSH WITH BOTTOM OF LID. TRIM MESH TO CLEAR BRACKET LEAVING 0.25 OVERLAP. WELD MESH TO BRACKET.

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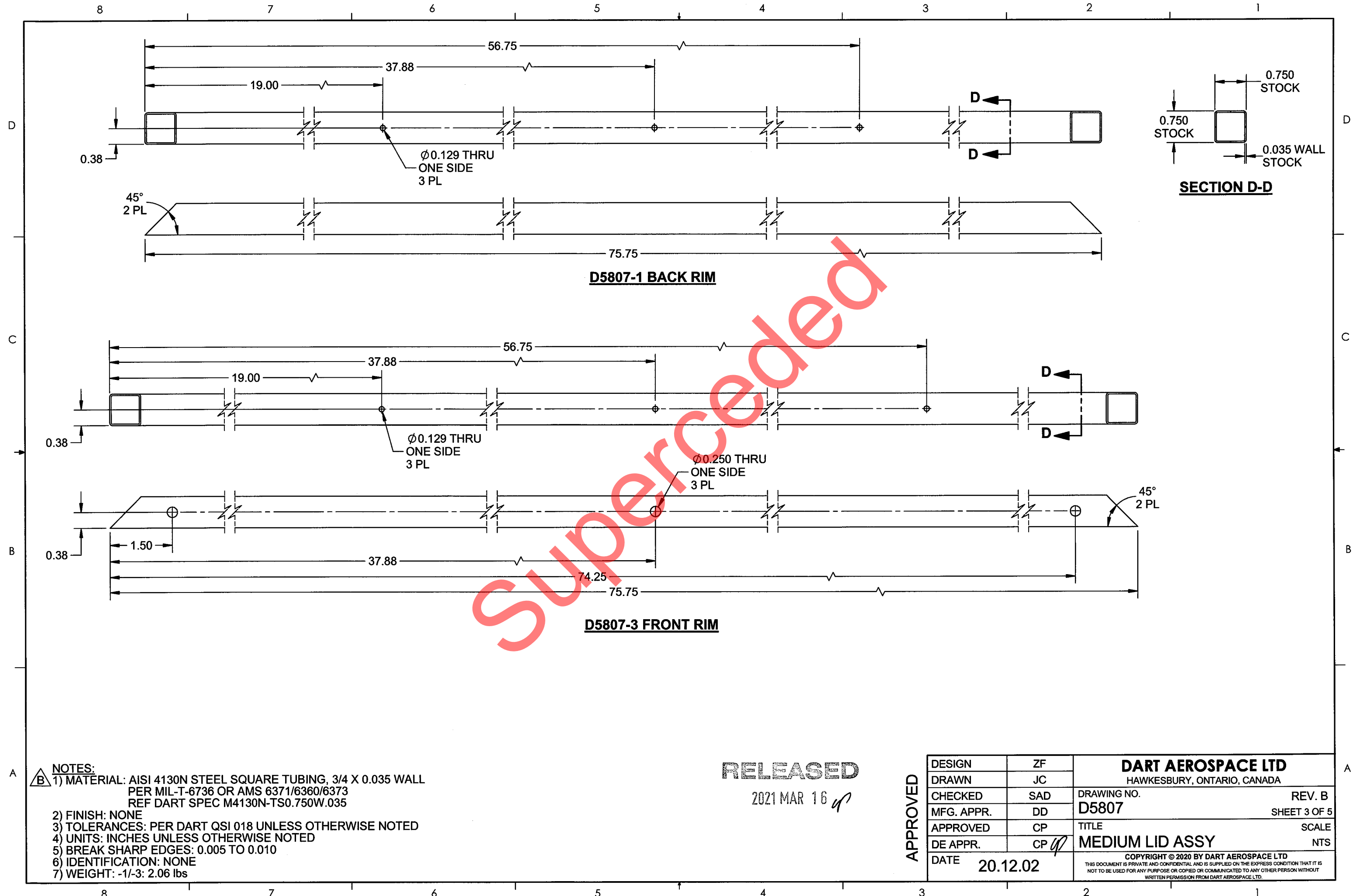
B	SHT 1: REMOVED NOTE 13. SHT 2 ZNB3: REMOVED WELD SYMBOL FOR MESH TO STRINGER. SHT 3&4: UPDATED NOTE 1. SHT 5: ADDED NOTE 8	JC	20.12.02
A	NEW ISSUE	ZF	20.01.21
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	<b>DART AEROSPACE LTD</b> HAWKESBURY, ONTARIO, CANADA	
DRAWN	JC		
CHECKED	SAD	DRAWING NO. REV. B	
MFG. APPR.	DD	D5807 SHEET 1 OF 5	
APPROVED	CP	TITLE SCALE	
DE APPR.	CP	MEDIUM LID ASSY NTS	
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DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	D5807	SHEET 2 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>af</i>	MEDIUM LID ASSY	NTS
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D5807-1 BACK RIM

D5807-3 FRONT RIM

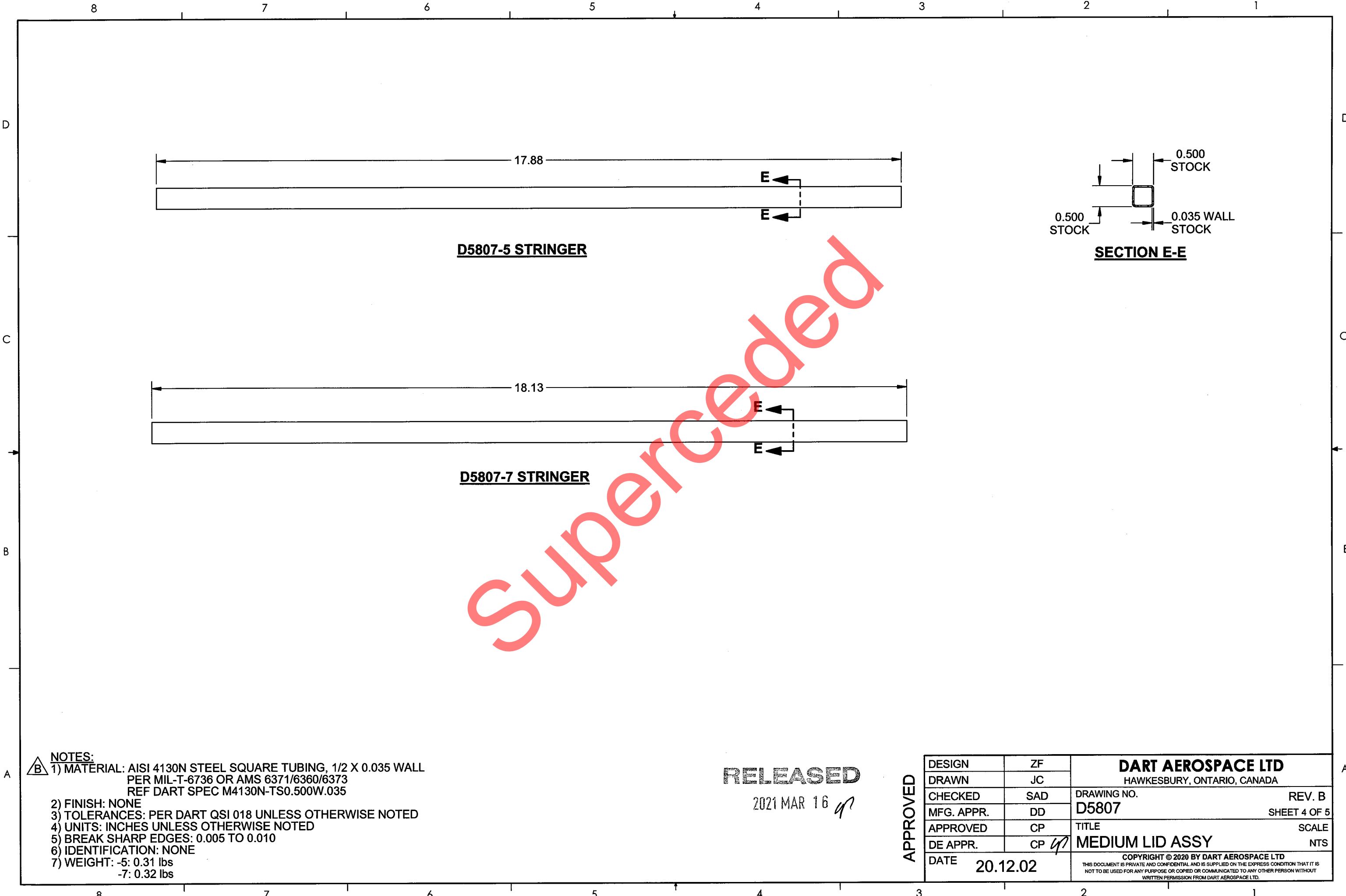
SECTION D-D

- NOTES:**
- 1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 3/4 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6373  
REF DART SPEC M4130N-TS0.750W.035
  - 2) FINISH: NONE
  - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
  - 5) BREAK SHARP EDGES: 0.005 TO 0.010
  - 6) IDENTIFICATION: NONE
  - 7) WEIGHT: -1/-3: 2.06 lbs

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DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	D5807	SHEET 3 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	MEDIUM LID ASSY	NTS
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**NOTES:**

1) MATERIAL: AISI 4130N STEEL SQUARE TUBING, 1/2 X 0.035 WALL  
PER MIL-T-6736 OR AMS 6371/6360/6373  
REF DART SPEC M4130N-TS0.500W.035

2) FINISH: NONE

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010

6) IDENTIFICATION: NONE

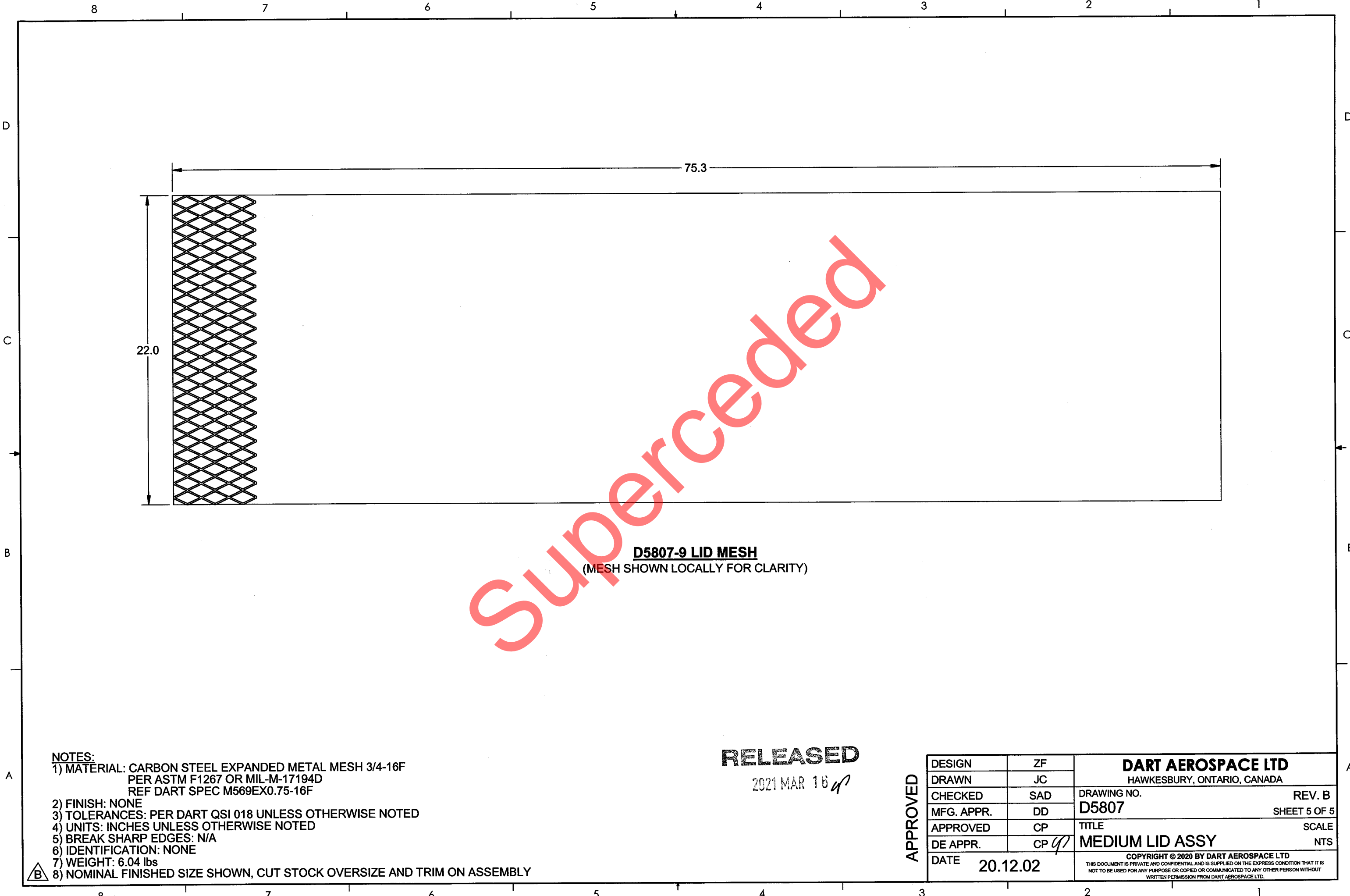
7) WEIGHT: -5: 0.31 lbs  
-7: 0.32 lbs

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DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	D5807	SHEET 4 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP	MEDIUM LID ASSY	NTS
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**D5807-9 LID MESH**  
(MESH SHOWN LOCALLY FOR CLARITY)

**NOTES:**

- 1) MATERIAL: CARBON STEEL EXPANDED METAL MESH 3/4-16F  
PER ASTM F1267 OR MIL-M-17194D  
REF DART SPEC M569EX0.75-16F
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 6.04 lbs
- 8) NOMINAL FINISHED SIZE SHOWN, CUT STOCK OVERSIZE AND TRIM ON ASSEMBLY

**RELEASED**

2021 MAR 16 *JP*

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DRAWN	JC		
CHECKED	SAD	DRAWING NO.	REV. B
MFG. APPR.	DD	<b>D5807</b>	SHEET 5 OF 5
APPROVED	CP	TITLE	SCALE
DE APPR.	CP <i>JP</i>	<b>MEDIUM LID ASSY</b>	NTS
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